

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10540232"	US-PGPUB; USPAT	OR	ON	2009/09/03 10:00
S2	4	((JORG) near2 (WURM)). INV.	US-PGPUB; USPAT	OR	ON	2009/09/03 10:02
S3	0	((JORG) near2 (WURM)). INV.	EPO; JPO; DERWENT	OR	ON	2009/09/03 10:02
S4	21	((STEPHANE) near2 (MENARD)).INV.	US-PGPUB; USPAT	OR	ON	2009/09/03 10:02
S5	10	((STEPHANE) near2 (MENARD)).INV.	EPO; JPO; DERWENT	OR	ON	2009/09/03 10:02
S6	61	205/97.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/03 10:04
S7	191	204/286.1	US-PGPUB; USPAT	OR	ON	2009/09/03 10:05
S8	6	"5560815"	US-PGPUB; USPAT	OR	ON	2009/09/03 10:40
S9	5	"3944479"	US-PGPUB; USPAT	OR	ON	2009/09/03 10:52
S10	1	"20060226002"	US-PGPUB; USPAT	OR	ON	2009/09/03 10:58
S11	1	"11279512"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:00
S12	6	"6602394"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:07
S13	3	"5141606"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:10
S14	1	"6852209"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:28
S15	4	"4323441"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:35
S16	6	"4324623"	US-PGPUB; USPAT	OR	ON	2009/09/03 11:36
S17	1085	insoluble near anode	US-PGPUB; USPAT	OR	ON	2009/09/03 13:23
S18	826	(insoluble near anode) and @py< "2005"	US-PGPUB; USPAT	OR	ON	2009/09/03 13:23
S19	65	(insoluble near anode) and @py< "2005" and shield	US-PGPUB; USPAT	OR	ON	2009/09/03 13:23

S20	17	("0846526"   "1365032"   "2675348").PN. OR ("3875041").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 14:25
S21	3	((("5560815") or ("5626730") or ("6099711")).PN.	US-PGPUB; USPAT	OR	OFF	2010/02/18 13:31
S23	12	((("3607706") or ("4033837") or ("4337141") or ("4469564") or ("5972192") or ("6099711") or ("6607654") or ("6610192") or ("20030085133") or ("20040089557") or ("20040104123") or ("20060226002")).PN.	US-PGPUB; USPAT	OR	OFF	2010/02/18 13:58
S24	4	((("5141606") or ("6120658") or ("4288305") or ("20050133376")).PN.	US-PGPUB; USPAT	OR	OFF	2010/02/18 14:21
S25	29	("0587696"   "0813844"   "1032623"   "1176105"   "1255096"   "2321367"   "4075069"   "4328076"   "4406767"   "4584082"   "4668353"   "5290413"   "5312533"   "5340456"   "5464519"   "5470445"   "5609738"   "5744018"   "5783053"   "5837111").PN. OR ("6120658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/18 14:30
S26	36166	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or anolyte or catholyte or solution or bath)	US-PGPUB; USPAT	OR	ON	2010/02/18 15:51

S27	27616	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or anolyte or catholyte or solution or bath) and (shield or guard or protector or diffuser or plate or basket or cover)	US-PGPUB; USPAT	OR	ON	2010/02/18 15:55
S28	8629	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or anolyte or catholyte or solution or bath) and (shield or guard or protector or diffuser or plate or basket or cover) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/02/18 15:55
S29	4714	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or anolyte or catholyte or solution or bath) and (shield or guard or protector or diffuser or basket or cover) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/02/18 15:55

S30	2501	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or anolyte or catholyte or solution or bath) and (shield or guard or protector or diffuser or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:56
S31	2501	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or solution or bath) and (shield or guard or protector or diffuser or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:56
S32	2224	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or bath) and (shield or guard or protector or diffuser or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:57

S33	2185	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3 or electro-deposit\$3 or electrodeposit\$3 or electro\$1deposit\$3 or electro-coat\$3 or electrocoat\$3 or electro\$1coat\$3) and (electrode or anode or cathode) and (electrolyte or bath) and (shield or guard or protector or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:57
S34	1674	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode or cathode) and (electrolyte or bath) and (shield or guard or protector or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:57
S35	1603	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (shield or guard or protector or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:57
S36	1598	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (shield or guard or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 15:58
S37	291	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (shield or guard or basket or cover) and ("204".clas. or "205".clas.) and @py<"2003" and bubble	US-PGPUB; USPAT	OR	ON	2010/02/18 15:58

S38	19	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (diffuser same (metal or composition or material)) and ("204".clas. or "205". clas.) and @py<"2003" and bubble	US-PGPUB; USPAT	OR	ON	2010/02/18 16:07
S39	41	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (diffuser same (metal or composition or material)) and ("204".clas. or "205". clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/18 16:18
S40	18	diffuser and "insoluble anode"	US-PGPUB; USPAT	OR	ON	2010/02/19 08:31
S41	12	diffuser and "insoluble anode" and (wafer or substrate)	US-PGPUB; USPAT	OR	ON	2010/02/19 08:31
S42	0	diffuser and "insoluble anode" and (wafer or substrate) and "reverse pulse"	US-PGPUB; USPAT	OR	ON	2010/02/19 09:29
S43	0	diffuser and "insoluble anode" and (wafer or substrate) and "reverse pulse" and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/19 09:29
S44	0	diffuser and "insoluble anode" and (wafer or substrate) and ("reverse pulse" or reverse\$1pulse or reverse-pulse) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/19 09:30
S46	59	anode and (wafer or substrate) and ("reverse pulse" or reverse\$1pulse or reverse-pulse) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/19 09:30
S47	35	anode and (wafer or substrate) and ("reverse pulse" or reverse\$1pulse or reverse-pulse) and @py<"2003" and copper	US-PGPUB; USPAT	OR	ON	2010/02/19 09:30

S48	1417	anode and (wafer or substrate) and @py<"2003" and copper and (electro-static or electrostatic or electro \$1static)	US-PGPUB; USPAT	OR	ON	2010/02/19 09:34
S49	313	anode and (wafer or substrate) and @py<"2003" and copper and (electro-static or electrostatic or electro \$1static) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/02/19 09:35
S50	7003	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield	US-PGPUB; USPAT	OR	ON	2010/02/19 10:11
S51	1220	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/02/19 10:11
S52	571	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/19 10:11
S53	409	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003" and anode	US-PGPUB; USPAT	OR	ON	2010/02/19 10:12
S54	471	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003" and (anode or electrode)	US-PGPUB; USPAT	OR	ON	2010/02/19 10:12
S55	424	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003" and (anode or electrode) and (electrolyte or bath or solution)	US-PGPUB; USPAT	OR	ON	2010/02/19 10:12
S56	321	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003" and (anode or electrode) and (electrolyte or bath or solution) and copper	US-PGPUB; USPAT	OR	ON	2010/02/19 10:13

S57	62	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and shield and ("204".clas. or "205".clas.) and @py<"2003" and (anode or electrode) and (electrolyte or bath or solution) and copper and insoluble	US-PGPUB; USPAT	OR	ON	2010/02/19 10:13
S58	67	2002/0008036	US-PGPUB; USPAT	OR	ON	2010/02/19 10:55
S59	1	"20020008036"	US-PGPUB; USPAT	OR	ON	2010/02/19 10:55
S60	9	("0415576"   "3432410"   "4087339").PN. OR ("4288305").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/19 14:12
S61	28	diffuser with metal and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/02/19 14:30
S62	10	"5102521"	US-PGPUB; USPAT	OR	ON	2010/08/19 16:19
S63	17	titanium same "chemically inert" same (plating or electroplating) same (electrolyte or solution or bath)	US-PGPUB; USPAT	OR	ON	2010/08/20 15:55
S64	322	(gap or space or distance) same diaphragm same (anode or electrode) same (mm or milimeter)	US-PGPUB; USPAT	OR	ON	2010/08/23 08:39
S65	153	(gap or space or distance) same diaphragm same (anode or electrode) same (mm or milimeter) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/08/23 08:39
S66	109	(gap or space or distance) same diaphragm same (anode or electrode) same (mm or milimeter) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2010/08/23 08:39
S67	16	(gap or space or distance) same diaphragm same (anode or electrode) same (mm or milimeter) and ("204".clas. or "205".clas.) and @py<"2003" and (plating or electroplating)	US-PGPUB; USPAT	OR	ON	2010/08/23 08:40



S68	19	(gap or space or distance) same (diaphragm or bag) same (anode or electrode) same (mm or milimeter) and ("204".clas. or "205". clas.) and @py<"2003" and (plating or electroplating)	US-PGPUB; USPAT	OR	ON	2010/08/23 08:42
S69	59	(gap or space or distance) same (membrane or diaphragm or bag) same (anode or electrode) same (mm or milimeter) and ("204".clas. or "205".clas.) and @py<"2003" and (plating or electroplating)	US-PGPUB; USPAT	OR	ON	2010/08/23 08:43
S70	159	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and (electrode or anode) and (electrolyte or bath) and electrostatic and ("204".clas. or "205". clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/02/09 10:30
S71	12	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (electrostatic same (shield or guard or protector or basket or cover)) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/02/09 10:40
S72	70	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (electrostatic same (shield or guard or protector or basket or cover or barrier or layer)) and ("204".clas. or "205". clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/02/09 10:45
S73	40	(electro-plat\$3 or electroplat\$3 or electro \$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (electrostatic with (shield or guard or protector or basket or cover or barrier or layer)) and ("204".clas. or "205". clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/02/09 10:45

S74	45	(electro-plat\$3 or electroplat\$3 or electro\$1plat\$3) and (electrode or anode) and (electrolyte or bath) and (electrostatic with (shield or guard or protector or basket or cover or barrier or layer or screen)) and ("204".clas. or "205".clas.) and @py<"2003"	US-PGPUB; USPAT	OR	ON	2011/02/09 11:19
S75	5	S74 not S73	US-PGPUB; USPAT	OR	OFF	2011/02/09 11:20
S76	2	"11279512"	US-PGPUB; USPAT	OR	OFF	2011/02/10 14:59
S77	21	("20030085133"   "20040089557"   "20040104123"   "20050121332"   "20050133376"   "20060124454"   "20060226002"   "20060272951"   "3607706"   "4033837"   "4214964"   "4288305"   "4337141"   "4469564"   "5141606"   "5972192"   "6099711"   "6120658"   "6602394"   "6607654"   "6610192").PN. OR ("7666283").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/10 15:10

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S78	900	((anode or counter) near1 electrode).clm. and (shield or cover or barrier or protector). clm.	USPAT; UPAD	OR	OFF	2011/02/14 13:45
S79	221	((anode or counter) near1 electrode).clm. and (shield or cover or barrier or protector). clm. and ("204".clas. or "205".clas.)	USPAT; UPAD	OR	OFF	2011/02/14 13:45

S80	11	((anode or counter) near1 electrode).clm. and (shield or cover or barrier or protector). clm. and ("204".clas. or "205".clas.) and (plating or electroplat \$3).clm.	USPAT; UPAD	OR	OFF	2011/02/14 13:45
S81	4	((anode or counter) near1 electrode).clm. same (shield or cover or barrier or protector). clm. and ("204".clas. or "205".clas.) and (plating or electroplat \$3).clm.	USPAT; UPAD	OR	OFF	2011/02/14 13:46
S82	0	((anode or counter) near1 electrode).clm. same (shield).clm. and ("204".clas. or "205". clas.) and (plating or electroplat\$3).clm.	USPAT; UPAD	OR	OFF	2011/02/14 13:48
S83	3	((anode or counter) near1 electrode).clm. same (shield).clm. and ("204".clas. or "205". clas.) and (plating or electroplat\$3)	USPAT; UPAD	OR	OFF	2011/02/14 13:48
S84	8	((anode or counter) near1 electrode).clm. same (shield or screen). clm. and ("204".clas. or "205".clas.) and (plating or electroplat \$3)	USPAT; UPAD	OR	OFF	2011/02/14 13:52
S85	96	(anode or (counter near1 electrode)).clm. same (shield or screen). clm. and ("204".clas. or "205".clas.) and (plating or electroplat \$3)	USPAT; UPAD	OR	OFF	2011/02/14 13:53
S86	54	((anode or (counter near1 electrode)).clm. same (shield or screen). clm. and ("204".clas. or "205".clas.) and (plating or electroplat \$3).clm.	USPAT; UPAD	OR	OFF	2011/02/14 13:53

2/ 14/ 2011 2:15:30 PM

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